

AMENDMENTS TO THE CLAIMS

The following Listing of Claims will replace all prior versions and listings of claims in this application.

LISTING OF CLAIMS

1.-13. (Cancelled)

14. (New) An assembly of a capped high-pressure discharge lamp and a lamp holder, comprising:

a capped high-pressure discharge lamp comprising:

an outer envelope in which a discharge vessel is arranged around a longitudinal axis,

the discharge vessel enclosing, in a gastight manner, a discharge space provided with an ionizable filling,

the discharge vessel having a first connection portion and a second opposite connection portion through which a first and a second current-supply conductor, respectively, extend to a pair of electrodes arranged in the discharge space,

the outer envelope having a pinched portion supporting the discharge vessel via the first and second current-supply conductors,

the pinched portion being provided with a clamping member surrounding the pinched portion with a clamping fit;

a lamp cap having a base portion of an insulating material and a substantially circular-cylindrical cup-shaped portion for receiving the clamping member,

the cup-shaped portion being provided with a protruding collar,

the base portion being provided with a first and a second contact member projecting beyond the cup-shaped portion, the first and second current-supply conductors being electrically connected to the first and second contact members, respectively; and

a lamp holder comprising:

a base portion and a substantially circular-cylindrical flange for receiving the cup-shaped portion of the capped high-pressure discharge lamp,

a cylindrical body of an insulating material arranged with clearance in the base portion of the lamp holder and a resilient means between the cylindrical body and the flange of the lamp holder, the cylindrical body engaging, under resilient pressure, the flange when the flange receives the cup-shaped portion;

the base portion being provided with first and second connection means,

wherein the flange of the lamp holder receives the cup-shaped portion of the capped high-pressure discharge lamp such that the flange engages the protruding collar of the cup-shaped portion and the first and second contact members make electrical contact with the first and second connection means, respectively.

15. (New) The assembly of claim 14, wherein an inner diameter of the flange has a tolerance of less than or equal to -0.2 mm, an outer diameter of the cup-shaped portion has a tolerance of less than or equal to $+0.2$ mm, the respective tolerances extending over a length of at least 2.5 mm measured with respect to the protruding collar along the longitudinal axis.

16. (New) The assembly of claim 14, wherein the inner diameter of the flange has a tolerance of less than or equal to -0.10 mm and the outer diameter of the cup-shaped portion has a tolerance of less than or equal to $+0.05$ mm, the respective tolerances extending over a length of at least 5 mm, measured with respect to the protruding collar along the longitudinal axis.

17. (New) The assembly of claim 14, wherein the clamping member has a substantially circularly-cylindrical engagement portion for fixing the clamping member in the cup-shaped portion.

18. (New) The assembly of claim 14, wherein the cup-shaped portion of the lamp cap and the flange of the lamp holder are made from a metal.

19. (New) The assembly of claim 14, the cylindrical body comprising a first cylindrical portion and an adjacent second cylindrical portion on a side of the first cylindrical portion facing away from the capped high-pressure discharge lamp;

the first cylindrical portion being provided with a first and a second arc-shaped slot, which slots are provided at one end with a circular widening for passing the first and second

contact members when the flange of the lamp holder receives the cup-shaped portion of the capped high-pressure discharge lamp;

the first and second contact members of the base portion making electrical contact with the first and second connection means after rotation of the first and second contact members in the arc-shaped slots,

the first and second connection means being provided in the second cylindrical portion.

20. (New) The assembly of claim 14, wherein the first and second cylindrical portion are made from a ceramic material.

21. (New) The assembly of claim 14, wherein the cylindrical body is provided with hampering means hampering the rotation around the longitudinal axis of the first and second cylindrical portions with respect to each other.

22. (New) The assembly of claim 14, wherein the first and second cylindrical portions are attached to each other by retention springs or by rivets.

23. (New) The assembly of claim 14, wherein the first and second contact members are provided with a shank, the shank being provided with a disc on a side of the shank facing away from the cup-shaped portion, the disc having a dimension allowing passage through the circular widening of the slots, the shanks having a smaller dimension allowing passage through the first and second arc-shaped slots.

24. (New) The assembly of claim 14, wherein the base portion of the lamp cap is provided with a protruding portion cooperating with a complementary indented portion in the first cylindrical portion of the cylindrical body.

25. (New) A lamp holder for use in the assembly of claim 14, the lamp holder comprising:

a base portion and a substantially circular-cylindrical flange for receiving the cup-shaped portion of the capped high-pressure discharge lamp,

a cylindrical body of an insulating material arranged with clearance in the base portion of the lamp holder and a resilient means between the cylindrical body and the flange of the lamp holder, the cylindrical body engaging, under resilient pressure, the flange when the flange receives the cup-shaped portion;

the base portion being provided with first and second connection means, wherein the flange of the lamp holder receives the cup-shaped portion of the capped high-pressure discharge lamp such that the flange engages the protruding collar of the cup-shaped portion and the first and second contact members make electrical contact with the first and second connection means, respectively.

26. (New) The lamp holder of claim 25, wherein an inner diameter of the flange has a tolerance of less than or equal to -0.2 mm.

27. (New) An illumination system comprising an assembly of a capped high-pressure discharge lamp and a lamp holder according to claim 14.

28. (New) A method for illuminating an outdoor or indoor area comprising providing an illumination system according to claim 27, providing electrical power to the illumination system, and illuminating the outdoor or indoor area with light from the illumination system.